



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/847,390	05/02/2001	Ming C. Hao	10003407-1

CONFIRMATION NO. 6484

FORMALITIES LETTER



HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, CO 80527-2400

Date Mailed: 06/28/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 130.**

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

08/23/2001 SMINASS1 00000019 082025 09847390  
01 FC:105 130.00 CH

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P. O. Box 272449  
Fort Collins, Colorado 80527-2400



PATENT APPLICATION  
ATTORNEY DOCKET NO. 10003407-1

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Ming C. Hao et al

Confirmation No.: 6484

Application No.: 09/847390

Examiner:

Filing Date: May 02, 2001

Group Art Unit:

Title: Method And System For Web-Based Visualization Of Directed Association And Frequent Item Sets In Large Volumes Of Transaction Data

Box MISSING PARTS  
COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

TRANSMITTAL LETTER FOR SUBMITTAL OF MISSING PARTS

Sir:

This is in response to a Notice to File Missing Parts of Application under 37 CFR 1.53(f) mailed on 6/28/01. Enclosed is a copy of said Notice and the following documents and fees to complete the filing requirements of the above-identified application.

(X) Executed Declaration and Power of Attorney. The above-identified application is the same application which the inventor executed by signing the enclosed declaration.

( ) Statutory basic filing fee ( ) Utility \$710.00 ( ) Design \$320.00

( ) Additional claim fees of \$

(X) Missing Parts Surcharge \$130.00

( ) A Petition for Extension of Time for reply to Notice of Missing Parts is attached.

( ) one month \$110.00  
( ) two months \$390.00  
( ) three months \$890.00  
( ) four months \$1390.00

Please charge to Deposit Account 08-2025 the sum of \$130.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25.

(X) A duplicate copy of this transmittal letter is enclosed.

Respectfully submitted,

Ming C. Hao et al

By Thomas X Li

Thomas X Li

Attorney/Agent for Applicant(s)  
Reg. No. 37,079

Date: 8/20/01

Telephone No.: (650) 857-5972

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit: 8/20/01

Typed Name: Tiffany Turner

Signature: [Signature]